

of Stratocruiser's Range

One of the secrets of the Stratocruiser's amazing 4,200-mile range is 35 Pliocel fuel tanks in the giant wings. Pliocels are made by Goodyear of specially treated gas-tight nylon fabric. They weigh only .080 lb. sq. ft.— outlast heavier metal tanks—fit any size or space — provide maximum gas capacity—minimum weight. For the full story of Goodyear Pliocels, write: Goodyear, Aviation Products Division, Akron 16, Ohio or Los Angeles 54, Cal.

> Pilocel-T.M. The Goodyea. Tire & Subbre Company

GOOD YEAR

AVIATION
PRODUCTS



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How not to cook a

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Write: Astronomy Manufacturing Co-Los Augulos St, California



Nevender 15, 1998

ALECRAFT PARTS



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SPERRY GYROSCOPE COMPANY

DIVISION OF THE SPERRY CORPORATION . GREAT NECK, N. Y. AND THE CONTRACT - AND PRACTICE - LOS ARCILLES - DAN PRACTICO - DEPTRO

AVIATION WIFE, Number 35, 3910

THE AVIATION WEEK

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AVIATION CALENDAR

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Brochure AV-LA gives complete information about these and other Johns Marville products for the rejector industry. For your copy, whitesa Johns-Merville, Ben





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INDUSTRY OBSERVER

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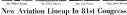
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AVIATION WIEK, November 15, 1965

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LETTERS

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Hawker: Britain's Fastest Plane

High speed is complemented by long range attained with solit ducting permitting increased fuel storage.

Bodt as a carrier bond plane, this follows were coalt the NTMS, is no ➤ Sucod Patential—The Hawker N 7/46 Nov. RAF Intent-The Nove is to steph," but it is believed that if sold Power olast is a Roll-Royce Near The BAF over also have at vice shabite sold and groved back to the wine roots. lighter patelyaction without folding of the series the P 1040, is the came after. The wine test section has been

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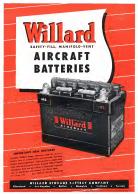
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REEVES BROTHERS, INC. 54 WORTH STREET, NEW YORK 15, N. Y.



Industry Seeks Ideal No-Fire Hydraulics

High performance seen as other prime factor for new medium.

By Robert McLauren

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Bendix-Scintilla

the choice of the leaders



Standardize on BENDIX-SCINTILLA IGNITION EQUIPMENT



AVIATION WEEK, November 15, 1966

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The EDISON Engine Gage Unit gives you these facts at a glance



Oil Temperature (stewart) Oil Pressure Fuel Pressure count



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Thomas A. Edison, Incorporated Instrument Divisies 197 Lokeside Avenue

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AVIATION WEEK, November 25, 2945

Reveal Increased Turboprop Efficiencies

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Other examples of resonanced to AVIATION WEEK, Namedor 15, 1960



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AVIATION WORLD NEWS

BOAC to Get Entry to Yokohama

Approval of sirline's request for second landing port likely to bring rush of similar applications.

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TOKYO-Amend of ROACS on said for colour flex Palacks Letter. ▶ No Excess-French and Netherlands KLM undo explantes to SCAP our Air-India to East Africa



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SALES & SERVICE

Pilot Health: Accident Factor?

Survey finds little if any relationship between the two; points up inadequacy of air medical standards.

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DIVISION OF "

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leading to the coordinates that avortion other method of exchange physical stradards is due for development. Noise Kills County Program

Waskedy, Wit, county bend has By a 30 to 72 vote, the board comseed indeferriy a stroleton desgrat-

willing to take not of that research The enougeon expense would have

Robrets for Ethionia three twin-engine Cessas Bobests for one at advance trainers at the enuntry's air school in Addit Ababa operations on Ethnopus Interestional Cross Bobests were chosen at the

BRIEFING FOR DEALERS & DISTRIBUTORS valety of sequenting commercial activities of yest ancies algorith reheated by send but extensions commenting in contras softens of the CAA proprie that SST military supports declared somilies have been turned over to their neighboring communities (in al Aug. 11) and many of the

Librard Kan., (non. 5600) amounted promas of \$35,000 above the cost houses, pagenting of a stag bele grill course, a highland beschall dismond. source, operation of a state time gast course, a regimen brieffel distributed and backlings for false, expecitions and other public gatherings. Two fight Samenth, Go., has lessed buildings on the forum Heater Field to a transportation opposest company, a cold strong company, an among country, and other enterprise mastag from a bludergaries to a discovary same. It money as every of SSI 000 is negleb above manufactured emile. et the awart. Smalle mouts are omine in from other cities which have teles are of his best firster.

MATTERN CAGE-Brane Mattern, well-loose count the world

AIR REAST BAZARD-The six blost from percellers of a Northwest lines by E. Mortitt Anderson, hand of Anderson Air Activities, flight Consideral sees that on Assume trainers printed by an instructor and corrying a student, was eleased by the tower to two isom a rewar to no. adultustration beliding. The besteg sorte took the tower place behind proved. The blast Superal up the Acresco on one weather, crustur 595 devices to the place but on injuries to occupants. Anderson asks recovery

MILWAUKEE SPRAY CAMPAIGN-Milwoles Common Council

the National Phone Farmers Association-recognisately \$500 plant-in expected thin work to retrove avoids the issues ald Chisholm Cattle may of the say states of Knam. Texts, Othbons and Colomb will Star Nelson, 82-respected Columba stacker and France relat, eldest action member of the Phine Propert will lead the field. When Nelson door a heat of cattle up the Trail in 1934 it took manufacture four



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AVIATION WEEK, Neurosker 25, 1962

FINANCIAL

1948 Market Reaction *Bid price or poesson day does

Election Effects On Airline Stock Despite its individual characteristics, air transport's properties will follow property companie temple

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which has been selling at depressed

From Jan. 2, 1945 to mid-Detaber, a mornium i index of 65 stocks near should

That setting earns at a particularly had too. But come absence and me in

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perst, a condition reduced as new her In viewing the industry it is the more shir correlions. With each an accord allaborest, reportless of shifteen redstood

TO SURVIVE

America Must Have Better Tools

N THE post twenty years the United States has falled to provide its workers with

To most Americans this statement will come as a shock—ar will be doubted. We are quite complacent about our undustrial equipment, for easily understood reasons.

Throughout the 'Sta we heard continuously the recommends have that the United States had be-

come a "mature economy." The job of equipping America with mediateral plants and tools was said to be largely done. Now, knowing that industry is spending billious to expand and rebelld my plants, many speeds assume that the result may be a first-blass

industrial system.

A further powerful induscement to complecency in the visibly weese industrial condition of must of the rest of the world. When Assertions look aboved in almost say direction they see

tan as that we are arting pretty.

That is a dangerous reaction Between depension and war, we have fulled to build the tools and equipment we need. This conflicts is dangerous for three reasons:

 From bitter experience we know that national neutral depends first and foremost on the copsosty and readiness of our industrial equipment.

equipment.
All of our plans for athilling prosperity sosume a world at peace. The greatest message to peace would be an unscreed America, unside or unwilling to keep breast strong and ready for defining—space in soors, as resources and in the 2. Whether American line socii-- or badly--

depend directly on the land and quality of tools and by American workness.
This is true for all weekers, and for every worker—from a parage mechanic and his wenches to attending to a parage mechanic and his wenches to a steel mill goog and stretcling quality meets. It is, a required study of "American's Needs and Reconverse" the Twontecht Custury Fund found this less. The suppresents in the real latence of the American people has more under the part of the anti-stretch people has more underly these in spring else Why the works are worked with distermined, more than any other fattor, the size of his pay carefupe, and

what it would key.

3. Our success in stabilizing prosperity will depend largely on what we do about building new tools and equipment.

About 20% of our industrial products are approximated.

mpleyment for from is essential to our overeroperity

How far have we fallen behind in providing new plants and equipment? Entirectes vary. Here is one reach estimate:

If we had both new industrial facilities during 1995-64 at the rate we did in the prosperous 28s, we would have spent at least \$100 killson more than actually we did.

To get a better and notes complete measure of this delich. McGross-Sid is undertaking a univer-

To get a better and more complete measure of this deficit, McGraw-Hill is undertaking a survey of American Business' Needs for New Plant and Equipment.

Businessman all over the patien are being

asked to answer questions like that: How much

money would you need to put your plant in first clase condition? How much any you plancing to speed for new plant and equipment? Where do you expect to raise the meany? The results will be reported later in this editorial series Alveedy the survey above we have fallen theny billions of dollors behind.

control particular as a signature, and a surprise They are revealed in a let of reliefly transportation furthers and in condews, buildings. Many other deficiencies do not come into general view. They are, for example, the antiquated machine in our plants Of the privately-owned machine inches in our plants of the privately-owned machine inches in our in 1945—when the last consists of matchinologic egupratest was made by assumption successors—25% were made than 1940.

years old. Their swenge ago is higher today. It is true that in recent years we have bit never highs in tital quatonal production. But we have been selected as the production. But we have done as slep porting far more people to want than examined before . . . and by dream equipment of the sening experience, some and to the least of the sening evolutions beyond: It has not been done presently in what is by all dolds the best way is insurance production—to use more read better and rower modern total and examined.

Haven't we overcome much of this twentyyear defleit by rushing to build new plants since

No For two char-est restors.

1. The accumulated shorings in tremendous. The total of shout \$40 billion, which has been spent for industrial plant and equipment since VLDsor, has not wised it out.

2. Some key indications have boil attlicately in gritting the facilities they need The stock, for example,—the substity that terms cut our most basic industrial statement of nor se outprement are measured in bifuless of defilter. To pay from the example, if should have with egisti money which people are willing to inwast with a tick of found for the sake of gain. We are self as a up-and-down Industry Example on its comman stocks beweight place both ways in those upanishes the control of the property of the comtraction of the control of the conindustry has been unable to market new common, inclusive householdly. But outsteading stock in new setting fee only about one-half the current net worth of the industry's personer masse. With westers unling to pay only 30 occus on the delinefee its facilities, the lessance on not reading to the control of the control of the control of the stock to pay for new plant and equipment—at hather roces even than the also.

Why can't steel — and other redustries — attract people who are willing to risk their money retoelone discrete.

The full newer to that serious question seast be left to future editorials in this series, for it arreless many things ... too reform ... mabilination of small savings ... A new respect for corrorate needto

two fundamentals:

First, our standard of living regroves with the
quasity of our industrial equipment.

Second, American industry and American

weezers to say need trimen at comes waves of hetter equipment was.

The Amorieus people must understand that not only our continued prospering but also our security as a nation denset used service American

undastry excre and better equipment.
"Give us the tools" Thin was Wington Churchill's cry for help to wan the was Only if we give American industry new and better tools will we have a chance to was alsoling property.



★ THIS KOITCHIAL and a network to delice, well be develoted to a small problem—here to prounds American colorate with the sequence timed to empower that every with the sequence timed as one sequence that every of the week the American standard of Every 20 may respect to problem continuous us to day. Upon one workers in heading it depends not only the despite of ent property; but also was comply the despite of ent property; but also was

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AIR TRANSPORT

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AVIATION WIEK, November 15, 1969.

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Capital Starts Sky Coach Service

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Frankfurt Traffic Eased Although speed curries will remark operations from Frankfact to Stattern

Winter Seen Key to NAL Situation

Union will test shifter to keep traffic low; CAB retains its investigation proposal despite many protests.

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Hot News for Ground Crems!

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... Townstery cable heatles -Shelter and hanner heating Still Available * Especially suited to smaller air-

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lease centing than previous

United Air Lines Building Chicago 38, AT

ALSO was not send for 3 and DC 4 parts, equipment and ac-

For DC-3 and P. A.W. B.1830. Charles Company

At E. Farchert, Stones Days, Darted An Leave, Museuphel Aspect, Chinesen, Mus.

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cessories of Julius cost!

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AVIATION WEEK, Names for 198, 2009

STRICTLY PERSONAL

PERSON CORNERDENCES AND home in from SAR Studenties that Corner Colleges tells friends these dost are similarty between his name and the Collins

pell is streetly, but streetly, ensemble the Compa is present into passages of Van BACK SEAT DRIVING DE LEXE-Stobeson, the stately a series of Dec Greene, of Sale Flieb: Indicator fame, who is the almo's owner, but 7000. hours and an integrant field Marks Widows, surger of STI had 7500. Colorina had 2000 and Noberson had 1800.

(They made Detout and the Clinic but the Binness runt have from shelf-WHERE HAVE WE INSENT, Not a decided are durit set interesting and at

AMAYON Week but on New 2 in comes something special-in new note datal. "Den Sir Reference is more to your recently two true and an angular information and mortholide. The more on Page 35 and 35 contained Block Where We're Gorne' is meet interesting and convergence. May we control of which would also be interesting and worthship; If we thought Mr Brock data't really know where he had been since 1940,

"Discol" he nerviced questly, "hoppy that stated " Lind there congrues now an Washington, he had been up all night listening to the returns. A few days later

guitaliting the M.C. on re-election, complained about government funds being BITS ABOUT PEOPLE-Feel Henry, publisher of Shreavy, has bought Somen land and Niver Streets magazines from Liberty Magazine Bur Bake Cody, with Leobbert Amends Corp. for early sears, has possed the Caples Co., in New York

vable relation manner for 16th Air Lines

APPLAUSE FOR CAA COMMUNICATOR-Brg Stern, CAA information A Stituon was even be and feared disabled. Wast began a sense of bland brandareas and Wast represented a sirely study by seat for officerative and distille study agree, aga waso requested a segar caso or seat on annealist and make tool

WHAT'S NEW

"The hornel of Art Law and Com-Mothe T. Cohe and Alfred 7. Work

the stiff of the Trundle Zeengemen South one of a sense cathled "Nice instrated, price 52.50 Published by the

Absolvery Allow and Mill Proand engineerone describing various

Contract Co. Alien, Ohio. "Metal Stitching," right-page book let (Turnstore method of stitching

tun of Metallione Engineering Co. "Bright Publication on Nichel Al-

AVIATION WEEK, November 15, 1940

ADVERTISERS INDEX

Occup Francis Ted Co.

Assert Store Co. No. 1 William St.

Start Corp. Nov. Britan, Names Street, & Others



Pioneer in Air-Frame Tools-Producer of the World's Largest Line

Construction of the first allowed similars accsurrounding metal. CP engineers met the situation with the first

similare riveter - designed with controllable speed, and delivering just the right blow and coact impact. Steadily exceptaining its leadership over the of Parameter Impact Womelers, including a cela-









EDITORIAL

Persuading Millions to Fly III

Million of shift American have now fower form. If it strong and open are etting effort in the company, the rest of this shows and the for growth for shortesters.

It is not provided to the control of t

or tax mass mass or transpropriety on veger in an experience of the state of the st

The well through analysis of a DC4 Sayaleoper and a DC4 Anfreighter door sourcess counds. The lampiter was leaded with such divine stress as a Bettila Ford solin a DC5 course, less conferen and line file.

Sighteneng fights along the Hodom Row in the Sixtes of Liberty and rates, were the price attraction. The demand for the \$2.90 flight was no great that in DC4, a DC4, a DC5, and a Coorni were general to account A total of 1939 parasets made the flights, for which no strainful 90 periors work first adole. The work is the flights, and to DC4 flights, which no strainful 90 periors were first adole. The order were 14 Consist flights, 9 by the DC6, 3 DC4 flights, and 10 DC3 due 10 periors and 10 DC3 due 10 period period 10 period with the period 10 period

content in never venue of Nazional Busili Co's seems) enders.

The general plus as worked as varieties, seconding to State Washbras, AA pounches manage: In Species, for neurole, a Conver we theistend after consumption

The place was residable only part of one they deere than and persons switch the raport to the chromatomics, 2000 walked through the Coronit, and 500 passangers flow on 22 aghstoning flaghts for 100 persons hand fasterly. Regrebilly, the lead stell terrord down 500 to 700 persons who wanted to buy alphancing before, because of lack of tone and additional mornit.

Although Austriction has belon the lead or these decision.

Although American has blass the load as these denoises studyon, the online industry will beautiful it would come that the oration industry could create in a well publicated, natural open house next spring during a week set aside for making otherstoa. The monthiblies are incorrective

click diver," a spelments informe deversion Week.

The company further points cut that is such only overs or all the methods und of the togetspasswish "point" at Weitschote. Comby August, New York, very earthant of solar langs creed to the support and to will them on an transportance.

Weitschoten's party, bild Structly was Sandry, Sept. 1187, not. August and show of the method will the point of the support and the sandry of the method with the sandry with t

some that then top priority promotional objective should be to get more people into the mr. Pathenty is no and, of

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But stream's except, some of these mentional atta-

sever takes his first fight. He is most concerned with

entries accountated with an airliner in an authorized

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statis. With these doubts used he n then, and only then, sensially prepared to decade to by The governs practice of conducting supera simpley and setting their "lightnessing" flights statisfies these deceased of most passes who have sever fixers. Amonium Arithmet has conducted such valuable statisensors would be Booken, Sensors, Rocheston, Milancel

Los Acuelles, Goldand, Eng. Montered, Dallan and other

"So appearant has this type of rementation become in-

ROBERT H WOOD





EDITORIAL

RENDIX PRODUCTS

Bendix builds a leader

Eccueffen of the new or year of turnel course

of the most advanced and wellers proved Fact Meter

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